BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	177	
Item Name:	Geophysical investigation of site for sinking Bore - well for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by adopting Veneer on Schlumbergers method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality quantity & accept - ability of the users indicating the location site, recommended depth of casing pipe required to seal the top unconsolidated formation, including an extra depth of 1.0 mtrs in consolidated formation for proper seating of casting depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personnel and labour required etc. complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
			1				1.00	
						Total	1.00	
					Approved BOQ qty		1.00	
			Qty payable in this Bill				1.00 no	

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	178	
Item Name:	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.) 2.1)0.00 to 50.00 mtrs, complete as per the direction of the Engineer in-charge.	

	CHAINAGE		NO	L	B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)		
	0 to 50.0 mtr		50				50.00	
						Total	50.00	
					Approved BOQ qty		50.00	
				Qty payable in this Bill			50.00	Rmtr

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	179	
Item Name:	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.2)50.00 to 100.00mtrs, complete as per the direction of the Engineer in-charge.	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS
	casing pipe						
	50.0 to 100 mtr	50				50.00	
					Total	50.00	
				Approved BOQ qty		50.00	
		Qty payable in this Bill				50.00	Rmtr

for Calculation

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	180	
Item Name:	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.3)100.00 to 150.00mtrs, complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	casing pipe							
	100 mtr to 150 mtr		50				50.00	
						Total	50.00	
					Approved BOQ qty		50.00	
					Qty payable in this Bill		50.00	Rmtr

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	181	
Item Name:	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.4)150.00 to 200.00mtrs, complete as per the direction of the Engineer in-charge.	

	CHAINAGE		NO	L	B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)		
	casing pipe							
	150 mtr to 200 mtr		50				50.00	
						Total	50.00	
					Approved BOQ qty		50.00	
			Qty payable in this Bill				50.00	Rmtr

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	182	
Item Name:	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.5)200 to 250.00mtrs, complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS
	casing pipe						
	200 mtr to 250 mtr	50				50.00	
					Total	**50.00**	
				Approved BOQ qty		**50.00**	
			Qty payable in this Bill			**50.00**	Rmtr

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	183	
Item Name:	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of Rig & supporting vechicle, crew charges & cost of consumables etccomplete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)2.6)250 to 300.00mtrs, complete as per the direction of the Engineer in-charge.	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	REMARKS
	casing pipe						
	250 mtr to 300 mtr	50				50.00	
					Total	50.00	
				Approved BOQ qty		50.00	
		Qty payable in this Bill				50.00	Rmt

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Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	184	
Item Name:	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty, complete as per the direction of the Engineer in-charge.	

	CHAINAGE		NO	L	B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)		
	Casing pipe							
			30				30.00	
						Total	30.00	
					Approved BOQ qty		30.00	
			Qty payable in this Bill				30.00	Rmtr

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Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	**185**	
Item Name:	Providing and fixing 175mm dia borewell cap medium class(MR), complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
			1				1.00	
						Total	1.00	
					Approved BOQ qty		1.00	
					Qty payable in this Bill		1.00	Rmtr

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Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	186	
Item Name:	M.S. Casing pipe collars "B" class (MR), complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
			5				5.00	
						Total	5.00	
					Approved BOQ qty		5.00	
				Qty payable in this Bill			5.00	Rmtr

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Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	187	
Item Name:	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dai and having declared duty conditions as detailed below and satisfying performance characteristic for pump and motar as declared by Bureau of Indian Standards. The pump should confirm to IS 928 / 55 (with all its latest amendments) and should bear the ISI certification mark is 928/55. The pumpset should consist of bronze impellers, Discharge : 750 lph, Head L102.88 mts 10HP /7.5KW 20 Stage. ATLANTA,Suguna, CRI, Kirloskar or other equivalent pumps, complete as per the direction of the Engineer in-charge.	

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
		1				1.00	
					Total	1.00	
				Approved BOQ qty		1.00	
				Qty payable in this Bill		1.00	Each

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Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	188	
Item Name:	Supplying and drawing 3 core flat PVC sheathed Submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor conforming to table 3class 5 of IS :8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts.(Group B) -3C X 6.0Sq.mm, complete as per the direction of the Engineer in-charge.	

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
		300				300.00	
					Total	300.00	
				Approved BOQ qty		300.00	
		Qty payable in this Bill				300.00	Rmtr

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Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	189	
Item Name:	Errection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. BWSSB, Letter BWSSB/CE(M)ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09), complete as per the direction of the Engineer in-charge.	

	CHAINAGE		NO	L	B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)		
			1				1.00	
						Total	1.00	
					Approved BOQ qty		1.00	
			Qty payable in this Bill				1.00	Rmtr

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	190	
Item Name:	Supplying and fixing 50mm GI Union. complete as per the direction of the Engineer in-charge.	

CHAINAGE		NO	L	B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)		
		2				2.00	
					Total	2.00	
				Approved BOQ qty		2.00	
		Qty payable in this Bill				2.00	Each

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	**191**	
Item Name:	Supplying fully atutomatic star-delta Starter unit push button type with suitable wires, 3 contactosr, one adjustable thermal timer mounted on a common base late held in steel enclosure for use on 440/440 volts 3 phase and wired afterfixing to the existing wooden board for motor 15.0 HP , complete as per the direction of the Engineer in-charge.	

	CHAINAGE		**NO**	**L**	**B**	**D**	**QTY**	**REMARKS**
	Land Mark			**(m)**	**(m)**	**(m)**		
			1				1.00	
						Total	1.00	
					Approved BOQ qty		1.00	
			Qty payable in this Bill				1.00	Each

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